

Peak District National Park

Forecast valid from 06:00 on Thursday 09 Nov 2023 until 23:59 on Friday 10 Nov 2023

Forecast Issued on Thursday 09 Nov 2023 at 03:50

Confidence: High confidence for cooler showery conditions until the weekend. Drier brighter conditions on Friday and Saturday. Lower confidence for timing of rain later in the weekend.

Headline for Thursday 09 Nov 2023: Strong winds and blustery showers, feeling cooler than of late.

Mountain weather hazards on Thursday 09 Nov 2023

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

Low Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Heavy rain showers (night)	Heavy rain showers	Heavy rain showers	Heavy rain showers	Heavy rain showers (night)	Light rain showers (night)
Precipitation probability					
40%	50%	50%	50%	60%	60%

Forecast for Thursday 09 Nov 2023

Weather: Showery with bright or sunny spells by day, showers may turn to sleet on higher summits and there is a low risk of thunder at times. Strong blustery winds will see these showers move through quite quickly, but continuing on and off into the evening for many.

Chance of cloud-free hill tops above 600m: 70%.

Low cloud and visibility: Scattered cloud above 600-700m likely at times, perhaps lower in association with showers. Cloud more likely to shroud western tops with areas to the east more reliably clear. Visibility will mainly be good but turning moderate or poor in showers, on the summits visibility may become very poor in any wintry showers for a time.

Forecast for Thursday 09 Nov 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/26 SW	21/27 SW	23/31 SW	20/27 SW	19/27 SW	19/26 SW	16/21 SW
300	14/23 S	16/23 SW	18/26 SW	14/21 SW	15/24 SW	15/23 SW	12/19 SW
Valley	9/22 S	10/22 SW	13/25 SW	9/21 SW	10/22 SW	10/21 SW	7/16 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-2	3/-3	3/-3	3/-3	2/-3	2/-4	2/-3
300	6/1	5/0	6/1	6/2	5/0	4/-0	4/0
Valley	6/3	6/2	6/3	6/4	5/2	5/1	5/2
Freezing Level*	1000m	1000m	900m	1000m	1000m	900m	1000m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Colder conditions than of late will be noticeable with sleet showers likely on the highest summits and strong gusts around showers resulting in some severe wind chill at height. Showers generally passing quickly but be aware of the risk of lightning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 09 Nov 2023	7.2mm	28mm	33.2mm

Forecast for Friday 10 Nov 2023

Weather: Showers becoming less frequent during the morning with more bright and dry spells as winds turn north-westerly. Some afternoon showers are likely to develop with western hills more likely to be affected and bringing the risk of sleet to higher tops.

Maximum wind: 15-20 mph gusting 25-30 mph.

Chance of cloud-free hill tops above 600m: 90% becoming 70%.

Low cloud and visibility: Visibility generally good on Friday morning with early cloud about 300-500m clearing to leave cloud free summits for a time into the afternoon before scattered cloud above 600-700m returns to the west. Visibility turning moderate to poor in showers.

Temperature: **Valleys:** Plus 4 Celsius rising to 8 Celsius.
At 600m: Zero Celsius rising to plus 4 Celsius.
Freezing level: 600 metres, rising to 800 metres.